

**ANTIOXIDANT COMPOSITIONS AND METHODS OF USE THEREOF**

ABSTRACT

An antioxidant composition having enhanced oxidative  
5 stability, emulsion stability, and health benefits. The  
composition may include individual ingredients or a  
synergistic blend of non-reducing sugars, sugar polyols,  
medium-chain triglycerides, polysaccharides, polyphenols,  
phospholipids, chitosan, and alpha-casein, beta-casein, kappa-  
10 casein or protein fragments, glycopeptides, phosphopeptides.  
The composition may optionally be further utilized for the  
prevention of hypercholesterolemia or bone mineral loss.